

PLUMBER

A student who has completed Job Corps' Plumber program is trained and ready to work in this field. To complete a trade, the student must learn the academic and vocational skills required for graduation. Job Corps students also learn good work and personal habits, preparing them for life after Job Corps. To complete the Plumber program, a student must master skills in the following categories:

Plumber, Pre-Apprentice

SAFETY

Demonstrate personal, shop and electrical safety procedures/OSHA regulations and first-aid techniques.

TOOLS

Identify and use basic hand and power tools.

MATH

Perform basic math applications; read a rule.

PIPE CUTTING AND JOINING

Identify plumbing materials and fittings related to pipe cutting and joining.

PLUMBING SYSTEM INSTALLATION

Install plumbing pipes and related appliances.

MAINTENANCE AND REPAIR

Remove obstructions from water closet drains using water auger; disassemble/assemble "p traps" to clear drains with cleaning machine.

Plumber, Apprentice

(Pre-Apprentice skills plus the following:)

MATH

Calculate the slope for building sewer lines; scale blueprints.

PIPE CUTTING AND JOINING

Join pipes using brazing method; use cut off/chop saw; join C.I. no-hub pipe with no-hub couplings and join hub and spigot C.I. pipe with Neoprene gaskets.

PLUMBING SYSTEM INSTALLATION

Rough in DWV systems for full bath; install water distribution systems, gas piping, water closet carrier and set stool, electric and gas hot water heaters.

PLUMBING SYSTEM TESTING

Pressure-test water distribution system/air/hydro; conduct water tests on building drains; locate leaks.

MAINTENANCE AND REPAIR

Remove obstructions from drain lines with drain cleaner; repair leaking water faucet, water closet and flushometer valves; replace thermocouple, electric water heater element and high-limit shut-off thermostat.



JOB CORPS
SUCCESS LASTS A LIFETIME.